

In the Claims

Please amend the claims as follows:

1 (Original) A foot actuated toilet flushing apparatus comprising:
2 a pedal having a top plate pivotably attached to a base plate;
3 a first roller attached to said top plate;
4 a second roller attached to said base plate;
5 a tank clamp positioned on a backside edge of a tank of a toilet having an
6 internal release means and extending into an interior of said tank;
7 a cable residing in said pedal, extending out said base plate and into said
8 interior of said tank at said backside of said toilet, whereby said cable is
9 held in place by said tank clamp and connected to said internal release
10 means within said tank; and
11 a cable housing encasing at least a portion of said cable,
12 whereby upon applying pressure by foot to said top plate of said pedal, a length of
13 said cable is increased within said pedal and decreased by said length within said
14 interior of said tank to activate said internal release means and effect flushing of
15 said toilet.

1 2. (Original) The apparatus of claim 1 wherein said cable is sequentially
2 positioned extending from said base plate, over said first roller of said top plate,
3 around said second roller of said base plate, extending out at least one opening of
4 said base plate so as to extend into and be encased by said cable housing, said

5 cable housing exiting said base plate, traveling adjacent said toilet and up the
6 backside of said toilet and into said tank, said cable housing being held in position
7 in said interior of said tank via said tank clamp, said cable exiting said cable
8 housing within said interior of said tank and connecting to said internal release
9 means within said tank to effect said flushing of said toilet by foot.

1 3. (Original) The apparatus of claim 2 wherein said base plate, having said at
2 least one opening, comprises a first opening, securing ribs and a second opening,
3 whereby said cable extends out said first opening, extends into and is encased by
4 said cable housing, said cable housing being positioned and secured within said
5 securing ribs and then said cable housing encasing said cable exiting said base
6 plate through said second opening.

1 4. (Currently Amended) A foot actuated toilet flushing apparatus comprising:
2 a pedal having a top plate pivotably attached to a base plate;
3 a first roller attached to said top plate and a second roller attached to said
4 base plate, whereby said first and second rollers each comprise a
5 hollow cylinder enhousing a spring and a set of pins on opposing sides
6 of said spring, each of said pins being in contact with said spring at a
7 first end and being secured in position at an opposing second end to
8 receiving means on opposing sidewalls of each said top plate for said
9 first roller and said base plate for said second roller;

10 a tank clamp positioned on a backside edge of a tank of a toilet having an
11 internal release ~~mechanism~~-means and extending into an interior of said
12 tank;
13 a cable residing in said pedal, extending out said base plate and into said
14 interior of said tank at said backside of said toilet, whereby said cable is
15 held in place by said tank clamp and connected to said internal release
16 ~~means~~ mechanism-within said tank; and
17 a cable housing encasing at least a portion of said cable,
18 whereby upon applying pressure to said top plate of said pedal, a length of said
19 cable is increased within said pedal and decreased by said length within said
20 interior of said tank to activate said internal release ~~means~~ mechanism-and effect
21 flushing of said toilet.

1 5. (Original) The apparatus of claim 4 wherein said top plate is pivotably
2 attached to said base plate, said apparatus further comprising:
3 said base plate having a first and a second opposing upward extending
4 flanges located at a position on said base plate for maximization of
5 cable increase within said pedal;
6 a pivot roller positioned between said first and second opposing upward
7 extending flanges;
8 a spring within said pivot roller;

9 a first pin and a second pin extending in said pivot roller and in contact
10 with opposing ends of said spring, said first and second pins extending
11 through said upward extending flanges to contact said top plate; and
12 said top plate having a first receiving means and an opposing second
13 receiving means for receiving and securing in position said first and
14 second pins to pivotably attach said top plate to said base plate.

1 6. (Previously presented) The apparatus of claim 5 wherein said pedal is
2 mounted to a floor adjacent a toilet.

1 7. (Previously presented) The apparatus of claim 6 wherein said pedal is
2 mounted to said floor by a mounting means selected from the group consisting of
3 a mounting bracket, a spring clamp, an adhesive, glue, cement, paste, epoxy resin,
4 bonding agent, double-sided tape, Velcro, suction, and non-slip rubber.

1 8. (Original) The apparatus of claim 1 wherein said cable comprises an
2 impermeable material of sufficient strength, flexibility and durability to endure
3 pressures applied during use of said pedal.

1 9. (Currently Amended) A foot actuated toilet flushing apparatus comprising:
2 a pedal having a top plate pivotably attached to a base plate;
3 a first roller attached to said top plate;

4 a second roller attached to said base plate;

5 a tank clamp positioned on a backside edge of a tank of a toilet having an

6 internal release means and extending into an interior of said tank;

7 a cable residing in said pedal, extending out said base plate and into said

8 interior of said tank at said backside of said toilet, whereby said cable is

9 held in place by said tank clamp and connected to said internal release

10 means within said tank;

11 a cable housing encasing at least a portion of said cable; and

12 at least two swivel hooks ~~attachment devices~~ attached to an end of said

13 cable residing in said interior of the tank, a first of said swivel hooks

14 ~~attachment devices~~ connecting said cable to a weight and a second of

15 said swivel hooks ~~attachment devices~~ connecting said cable to said

16 internal release means within said tank,

17 whereby upon applying pressure to said top plate of said pedal, a length of said

18 cable is increased within said pedal and decreased by said length within said

19 interior of said tank to activate said internal release means and effect flushing of

20 said toilet.

21 10. (Original) The apparatus of claim 9 wherein said weight comprises a rust-
22 proof material of about 4 ounces to about 16 ounces, and comprises a shape that
23 prevents entanglement of said weight with interior components of said tank.

1 11. (Previously presented) The apparatus of claim 9 wherein said tank clamp
2 comprises a material of sufficient rigidity and strength to endure forces applied to
3 said tank clamp during normal working operations of said pedal.

1 12. (Original) The apparatus of claim 11 wherein said tank clamp includes a
2 back flange connected to a front flange via an upper flange that has lateral
3 extensions on opposing sides thereof for stabilizing said tank clamp to said
4 backside edge of said tank and distributing forces applied to said tank clamp
5 during use of said pedal, said back flange is in contact with an exterior of said tank
6 while said front flange is within and in contact with said interior of said tank.

1 13. (Previously presented) The apparatus of claim 12 wherein said tank clamp
2 further includes at least two outwardly protruding angled sidewall flanges
3 extending from said front flange into said interior of said tank, said outwardly
4 protruding angled sidewall flanges including at least one recessed portion for
5 receiving said cable housing.

1 14. (Previously presented) The apparatus of claim 13 wherein said at least one
2 recessed portion receives and secures said cable housing within said interior of
3 said tank such that said cable extends into said tank in a direction away from
4 sidewalls of said tank and toward said internal release means within said tank.

1 15. (Previously presented) The apparatus of claim 14 wherein an angled guide
2 encasing a portion of said cable is received and secured across said at least one
3 recessed portion of said tank clamp such that an angle of said angled guide
4 extends into said tank to direct said cable in a direction away from sidewalls of
5 said tank and toward said internal release means within said tank.

1 16. (Previously presented) The apparatus of claim 9 wherein said toilet is
2 selected from the group consisting of a gravity tank toilet, a pressurized tank toilet,
3 and a flush valve operated toilet.

1 17. (Original) The apparatus of claim 16 wherein said internal release means
2 comprises a flapper or a pressurized tank push valve.

1 18. (Previously presented) The apparatus of claim 9 wherein said pedal is
2 integrally formed with said toilet such that cable housing and cable are invisible to
3 the naked eye.

1 19. (Previously presented) A foot actuated pedal apparatus comprising:
2 a base plate having at least one opening;
3 a top plate pivotably attached to said base plate;
4 a first roller attached to said top plate;
5 a second roller attached to said base plate;

6 a cable;
7 a first end of said cable affixed to a position on said base plate internal to
8 said pedal; and
9 a second end of said cable affixed to a flushing release mechanism of a
10 toilet external to said pedal,
11 whereby said cable extends at said first end from said position on said base plate,
12 over said first roller of said top plate, around said second roller of said base plate,
13 extending out said at least one opening of said base plate so as to extend into and
14 be encased by a cable housing, and connecting at said second end to said flushing
15 release mechanism of said toilet, such that, upon pressure applied to said top plate
16 of said pedal, a length of said cable is increased within said pedal and decreased
17 by said length external to said pedal to effect flushing of said toilet.

1 20. (Original) The apparatus of claim 19 further including a cable housing
2 encasing at least a portion of said cable within said pedal whereby said cable
3 extends out said a first opening of said base plate, extends into said cable housing,
4 and said cable housing encasing said cable exiting at a second opening of said
5 base plate.

1 21. (Previously presented) A foot actuated toilet flushing apparatus comprising:
2 a base plate having at least one opening;

3 a top plate pivotably attached to said base plate; a first roller attached to
4 said top plate having a hollow cylinder enhousing a first spring and a
5 first set of pins on opposing sides of said first spring, each of said first
6 set of pins being in contact with said first spring at a first end and being
7 secured in position at an opposite end to opposing sidewalls of said top
8 plate;
9 a second roller attached to said base plate having a hollow cylinder
10 enhousing a second spring and a second set of pins on opposing sides
11 of said second spring, each of said second set of pins being in contact
12 with said second spring at a first end and being secured in position at
13 an opposite end to opposing sidewalls of said base plate;
14 a cable;
15 a first end of said cable affixed to a position on said base plate internal to
16 said pedal; and
17 a second end of said cable affixed to a component of a device external to
18 said pedal,
19 whereby said cable extends at said first end from said position on said base plate,
20 over said first roller of said top plate, around said second roller of said base plate,
21 extending out said at least one opening of said base plate so as to extend into and
22 be encased by a cable housing, and connecting at said second end to said
23 component of said external device, such that, upon applied pressure to said top
24 plate of said pedal, a length of said cable is increased within said pedal and

25 decreased by said length external to said pedal to effect a working condition of
26 said device.

1 22. (Previously presented) The apparatus of claim 21 wherein said top plate is
2 pivotably attached to said base plate, said apparatus further comprising:
3 said base plate having a first and a second opposing upward extending
4 flanges located at a position on said base plate for maximization of
5 cable increase within said pedal;
6 a pivot roller positioned between said first and second opposing upward
7 extending flanges;
8 a spring within said pivot roller;
9 a third set of pins extending in said pivot roller and in contact with
10 opposing ends of said spring, said third set of pins extending through
11 said upward extending flanges to contact said top plate; and
12 said top plate having receiving mechanisms for receiving and securing in
13 position said third set of pins to pivotably attach said top plate to said
14 base plate.

1 23. (Previously presented) The apparatus of claim 21 wherein said pedal is
2 mounted to a floor in a position in close proximity to said device.

1 24-30. (Canceled)

1 31. (Previously added) The apparatus of claim 21 wherein said device external
2 to said pedal is selected from the group consisting of a gravity tank toilet, a
3 pressurized tank toilet, and a flush valve operated toilet.

1 32. (Previously added) The apparatus of claim 33 wherein said component of
2 said device comprises a release mechanism selected from the group consisting of
3 a flapper or a pressurized tank push valve.

1 33. (Previously added) The apparatus of claim 21 wherein said pedal is
2 integrally formed with said toilet such that cable housing and cable are invisible to
3 the naked eye.

1 34. (Previously added) The apparatus of claim 1 wherein said pedal is
2 mounted to a floor adjacent a toilet.

1 35. (Previously added) The apparatus of claim 1 wherein said toilet is selected
2 from the group consisting of a gravity tank toilet, a pressurized tank toilet, and a
3 flush valve operated toilet.

1 36. (Previously added) The apparatus of claim 36 wherein said internal release
2 means comprises a flapper or a pressurized tank push valve.

1 37. (Previously added) The apparatus of claim 1 wherein said pedal is
2 integrally formed with said toilet.

1 38. (Previously added) The apparatus of claim 1 further including at least one
2 attachment device within said tank connecting said cable to said internal release
3 means.

1 39. (Previously added) The apparatus of claim 19 wherein said pedal is
2 mounted to a floor adjacent a toilet.

1 40. (Previously added) The apparatus of claim 19 wherein said toilet is
2 selected from the group consisting of a gravity tank toilet, a pressurized tank toilet,
3 and a flush valve operated toilet.

1 41. (Previously added) The apparatus of claim 19 wherein said pedal is
2 integrally formed with said toilet.

1 42. (Previously added) The apparatus of claim 19 wherein said cable is affixed
2 to said flushing release mechanism via an attachment device.

1 43. (New) A foot actuated toilet flushing apparatus comprising:

2 a pedal having a top plate pivotably attached to a base plate;
3 a first roller attached to said top plate;
4 a second roller attached to said base plate;
5 a tank clamp positioned on a backside edge of a tank of a toilet having an
6 internal release means and extending into an interior of said tank;
7 a cable residing in said pedal, extending out said base plate and into said
8 interior of said tank at said backside of said toilet, whereby said cable is
9 held in place by said tank clamp and connected to said internal release
10 means within said tank;
11 a cable housing encasing at least a portion of said cable; and
12 at least two attachment devices attached to an end of said cable residing in
13 said interior of the tank, a first of said attachment devices connecting
14 said cable to a weight and a second of said attachment devices
15 connecting said cable to said internal release means within said tank,
16 whereby upon applying pressure to said top plate of said pedal, a length of said
17 cable is increased within said pedal and decreased by said length within said
18 interior of said tank to activate said internal release means and effect flushing of
19 said toilet.

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